

- B2 1. (Amended) A vesicle comprising
a) an inner layer which comprises a phospholipid, said inner layer being substantially free from calcium phosphate, and
b) an outer layer which comprises calcium phosphate. --
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B2 -- 6. (Twice Amended) A vesicle according to claim 1 wherein the outer layer further comprises ions selected from carbonate, hydrogen phosphate, chloride, fluoride or magnesium. --

-- 7. (Twice Amended) A vesicle according to claim 1 wherein the thickness of the outer layer is from 5 to 50 nm. --

-- 8. (Amended) A vesicle according to claim 7 wherein the thickness of the outer layer is from 5 to 20 nm. --

-- 9. (Amended) A vesicle according to claim 8 wherein the thickness of the outer layer is about 10 nm. --

-- 10. (Twice Amended) A vesicle according to claim 1 wherein the size of the vesicle is from 100 nm to 10 μ m. --

-- 11. (Amended) A vesicle according to claim 10 wherein the size of the vesicle is at least 300 nm. --

-- 12. (Amended) A vesicle according to claim 11 wherein the size of the vesicle is at least 1 μ m. --

-- 13. (Twice Amended) A vesicle according to claim 1 which further comprises a pharmaceutically active compound. --

-- 14. (Amended) A vesicle according to claim 13 wherein the pharmaceutically active compound assists the binding to bone, treats a specific bone disease or any diseased region adjacent to bone, or relieves pain. --

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-- 15. (Amended) A vesicle according to claim 14 wherein the pharmaceutically active compound is selected from parathyroid hormone, vitamin D derivatives, bisphosphonates, bone morphogenetic proteins, analgesics, ^{32}P or ^{89}Sr containing compounds, indomethacin, prostoglandins, interleukin 6 inhibitors and antibiotics. --

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-- 18. (Twice Amended) A process according to claim 16 wherein the aqueous mixture further comprises an alcohol. --

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-- 26. (Twice Amended) A solid substrate wherein regions of said substrate have attached thereto a layer comprising vesicles as claimed in claim 1 with other region or regions having no vesicles attached thereto. --

-- 27. (Amended) A substrate according to claim 26 which comprises a surface layer comprising electrically conducting and non-conducting regions with a layer comprising vesicles on the conducting regions. --

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-- 30. (Twice Amended) A process for preparing a substrate according to claim 26 which process comprises electrolytically depositing the coating comprising vesicles onto the conducting regions of the substrate. --

Please add claims 34-36 as follows:

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-- 34. (New) A vesicle comprising
a) an inner layer which consists essentially of phospholipid and, optionally, at least one pharmaceutically active compound, and
b) an outer layer which comprises calcium phosphate. --